

WHAT IS CLAIMED IS:

1. A method for treating an oil or gas well having a column of fluid within the wellbore by introducing chemicals into the column of fluid comprising introducing the
5 chemicals into the column of fluid in the form of pellets having a density less than that of the fluid at the well bottom and about the same as the fluid at the point within the wellbore at which it would be desirable to introduce the chemicals.
2. The method of claim 1 wherein the point within the wellbore at which it would be
10 desirable to introduce the chemicals is at the top of the column of liquid in the wellbore.
3. The method of claim 1 wherein the point within the wellbore at which it would be desirable to introduce the chemicals is at the interface two phases of fluid within the column of liquid in the wellbore.
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4. The method of claim 1 wherein the pellets have a density of from about 0.6 to about 1.3.
5. The method of claim 4 wherein the pellets have a density of from about 0.8 to
20 about 1.2.
6. The method of claim 5 wherein the pellets have a density of from about 0.9 to about 1.1.
- 25 7. The method of claim wherein the pellets are prepared with a weighting agent selected from the group consisting of calcium sulphate, magnesium sulphate, calcium carbonate, titanium oxide, aluminum oxide, potassium chloride, sodium chloride, and mixtures thereof.

8. The method of claim 1 wherein the pellets have a major cross-sectional dimension that is greater than 0.05 mm but less than 1 mm.
9. The method of claim 1 wherein the chemicals are additives.
- 5 10. The method of claim 9 wherein the additive is used to prevent or mitigate the formation of scale, paraffins, asphaltenes, and emulsions.
- 10 11. The method of claim 9 wherein the additive is used to prevent or mitigate the occurrence of corrosion, bacteria growth, and foaming.
12. The method of claim 9 wherein the additive is used to remove liquid from a wellbore for example by inducing foaming.
- 15 13. The method of claim 9 wherein the pellets have two different additives in the same pellet.
14. The method of claim 9 wherein the pellets are a mixture of pellets having one additive per pellet and some of the pellets have a first additive and other pellets have a
- 20 second additive.
15. A pellet for treating an oil or gas well having a column of fluid within the wellbore including a pellet having at least two layers, a first layer surrounding a second layer, and at least one additive, and a weighting agent, wherein the density of the first layer is
- 25 different from the density of the second layer.
16. A method for treating a pipeline having free fluids by introducing chemicals into the fluid comprising introducing the chemicals into the fluid in the form of pellets having a density less than that of the fluid at the lowest point and about the same as the fluid at
- 30 the point within the pipeline at which it would be desirable to introduce the chemicals.

17. A pellet for treating a pipeline having free fluids within the wellbore including a pellet having at least two layers, a first layer surrounding a second layer, and at least one additive, and a weighting agent, wherein the density of the first layer is different from the density of the second layer.

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